



THERMO PLASTER 951

Thermo-acoustic plaster in the KREISEL renovation system

Areas of application: Ideal for making thermal insulating plasters inside and outside buildings. It is a solution alternative to the traditional thermal insulation system in buildings under the conservation protection. Thick layers allow obtaining optimal thermal insulating properties of a given partition

- Properties:**
- Vapor-permeable
 - High thermal insulation properties
 - From 20mm to 120mm
 - Manual and machine application
 - Frost-resistant
 - Waterproof
 - inflammable
 - Acoustic properties

Application procedure:

Technical data	
Item no.	36184
Packaging type	
Quantity per unit	30 l/unit
Unit per pallet	40 unit/pal.
Colour	Grey
Granulation	0 - 2 mm
Consumption	1.1 l/m ² /mm
Application time	approx. 3 hours
Compressive strength (28 d)	≥ 2 MPa
Layer thickness	20 - 120 mm
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 14 l/unit
Thermal conductivity λ _{10,dry}	approx. 0.071 W/mK

The product conforms to: • EN 998-1:2016

- Material base:**
- Hydrated lime
 - Portland cement
 - Mineral fillers
 - Pearlite



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Surface:	<p>Before starting renovation works, it is advisable to carry out an accurate analysis of the substrate salinity and moisture state.</p> <p>Substrates should be free from dust, soot, grease, lubricants, anti-adhesive agents, paints, excess mortar etc</p> <p>Symptoms of biological aggression (fungi, mildew) must be removed using SEPTOBUD 1008 preparation. Old, destroyed plasters with moisture signs, efflorescence must be removed up to the height of 1m above the damage area. All potential efflorescence on an uncovered wall must preliminarily be removed mechanically. All grouts dropping off in a wall must be removed to the depth of 2cm, and next they must be filled with TYNK RENOWACYJNY 920 (RENOVATION PLASTER).</p> <p>When works are performed on a very absorbent substrate, it must be moistened with water preliminarily</p> <p>Cover a bare wall in line with technical cards of RENOVATION RENDERING COAT 950 or CEMENT RENDERING COAT 550. The type of plaster must be adapted to the type of plastered wall.</p>
Types of substrate:	<p>Wall of brick: Apply OBRZUTKA 910 or RENDERING 550 or prime with GRUNTOBET 310</p> <p>Concrete, reinforced concrete: Prime with GRUNTOBET 310</p> <p>Autoclaved aerated concrete elements: Prime with GRUNTOBET 310</p> <p>Bricks and ceramic CMUs: Apply OBRZUTKA 910 or RENDERING 550 or prime with GRUNTOBET 310</p> <p>Silicate blocks: Prime with GRUNTOBET 310</p>
Preparation:	<p>The dry mix should be made with an appropriate amount of clean, cool water by mixing in a plastering machine or mechanically using a mortar mixer or concrete mixer. The time of mechanical mixing should be 2-3 minutes.</p> <p>When mixing by hand, the mortar must be mixed for approx. 4-5 minutes.</p> <p>In the case of application with a mixing pump, for easy application, we recommend applying the plaster with KALETA 5 unit with additional fittings: Kaleta 5 stirrer Light, D6-3 worm with a flipper, D6-3 jacket, Aerator (Turbine). It is possible to use an equivalent machine and fittings.</p> <p>Do not mix the hardened grouting mixture again.</p>
Application procedure:	<p>Apply, even and rub the mortar with a proper long float.</p> <p>While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds.</p> <p>Evenly apply the mortar on the entire plastered surface. Afterwards, even the plaster with a straightedge of H type removing excess plastering mortar perpendicularly to the application direction. Leave the surface treated this way until the plaster bonds. The plaster should not be treated smoothly, felted and rubbed.</p> <p>After applying and bonding, a finishing layer of the thermal insulating plaster must be applied in the form of SZPACHLA RENOWACYJNA 952 (RENOVATION PUTTY) or alternatively gypsum finish (e.g. 662, 930, 660) or smooth plaster (e.g. Tynk 500 (plaster))</p>
Application conditions:	<p>Apply at temperatures from +5 °C to +25 °C, these temperatures apply to air, bed and product. All substrates shall be bearing, compact, stable, even and clean</p>
Instructions:	<p>All works carried out outside must be performed in rainless weather, when insolation is not too high and wind is weak. If it is necessary to carry out works in unfavourable conditions, use appropriate shields, reducing an impact of weather factors. Plastered rooms must be ventilated, however it is necessary to prevent draughts and prevent the mortar from drying up too quickly as a result of sunlight or heating. Always use the product at the temperature ranging from +5 °C to +25 °C. In the hardening time, maintain the temperature of min. +5 °C.</p>
Storage:	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>



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General information:

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing. All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.